IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND APPARATUS FOR PROVIDING POWER SIGNALS TO OPERATING CIRCUITRY MOUNTED ON CIRCUIT BOARDS

the spe	cification of which ((спеск опе)												
[X]	is attached hereto	•												
[]	was filed on	ed on as United States Application					Serial No.:							
	and was amended on			(if applicable).										
specific	I hereby state that ation, including the	I have reviewed claims, as ame	d and understar ended by any ar	nd the contents of nendment referred	the ab	ove-io	lenti	fied						
patenta	I acknowledge the bility as defined in	duty to disclose disc. d	e information wl	nich is known by n	ne to b	e mat	erial	to						
designa	I hereby claim fore tion(s) for patent or ated at least one co ed below, by checki ternational applicati	inventor's certifuntry other than	ficate or 365(a) the United Sta	of any PCT intern tes of America. lis	ationa ted be	l appli low ar	cation	on wh ave a	ich Iso	any imed:				
	<u>Prio</u>			reign Application(s) Priority Certifie Not Copy Fi Claimed YES			File	ed?						
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listed b	I hereby claim the elow.	benefit under 3	5 U.S.C. 119(e)) of any United Sta	ates pr	ovisio	nal a	applic	atior	า(ร)				
(Applic	ation Number)			(Filing Date)						<u></u>				
(Applic	ation Number)			(Filing Date)										

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37

C.F.R. 1.56 which became a PCT international filing date	vailable between the filing of this application:	ate of the prior application and the national or
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
As a named inventor application and transact all b	r, I hereby appoint the follow usiness in the Patent and T	ring attorney(s) and/or agent(s) to prosecute this rademark Office connected therewith:
	Barry W. Chapin, Esq. David E. Huang, Esq.	Reg. No. 39,934 Reg. No. 39,229
of Chapin & Huang, L.L.C., V Massachusetts 01581 and	Vestborough Office Park, 1	700 West Park Drive, Westborough,
John M. Gunther, Re Leanne J. Fitzgerald William R. Clark, Re Krishnendu Gupta, F	, Reg. No. 40,606 g. No. 29,523	Robert Kevin Perkins, Reg. No. 36,634 Robert L. Dulaney, Reg. No. 28,071 Christopher K. Gagne, Reg. No. 36,142 Penelope S. Wilson, Reg. No. 29,751
of EMC Corporation, 35 Park	wood Drive, Hopkinton, Ma	ssachusetts 01748.
agent(s) to file and prosecute	e an international application	y to all of the above-identified attorney(s) and/or n under the Patent Cooperation Treaty based to meet all designated office requirements for
Please send correspondence	e to: David E. Huang, Esq.	
Chapin & Huang, L.L.C. We	stborough Office Park, 170	0 West Park Drive, Westborough, MA 01581
Direct telephone calls to:	David E. Huang, Esq.	Telephone No.: 508-366-9600
Direct facsimiles to:Dav	id E. Huang, Esq.	Facsimile No.: 508-616-9805
statements made on information made with the knowledge the imprisonment or both under	ition and belief are believed at willful false statements ar r Section 1001 of Title 18 of	n of my own knowledge are true and that all to be true; and further that these statements were not the like so made are punishable by fine or the United States Code and that such willful false or any patent issued thereon.
——————————————————————————————————————	id Sullivan	
inventor s digitature	and of ful	Luci Date 11-27-01
Residence 8 Aı	nthony Drive, Londonderry,	New Hampshire 03053

United States of America

Same as above

Residence ___

Citizenship _

Post Office Address

Full name of second jo	int	
-		
inventor, if any	Robert MacArtnur	_
Inventor's Signature	Date	
Residence	29 Independence Drive, Leominster, Massachusetts 01453	
Citizenship	United States of America	_
Post Office Address	Same as above	

ATTORNEY DOCYET NO.: EMC01-26(01067)

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Declaration for Patent Application

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the sp	pecification of which	(check one)								
[X]	is attached heret	to.								
[]	was filed on	A	as United States Applica	as United States Application Serial No.:						
			(if applicable).							
speci	I hereby state that fication, including th	at I have reviewed ne claims, as ame	and understand the contents on the contents on the contents on the content is an arms of the content is an arms of the contents of the content	f the ab	ove-io ove.	denti	fied			
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desig	cation(s) for patent on nated at least one of fied below, by check	or inventor's certificountry other than	efits under 35 U.S.C. 119(a)-(d) icate or 365(a) of any PCT inter the United States of America, li foreign application for patent or g date before that of the applica	nationa sted be invento	l appli low a or's ce	ication nd h rtific	on wh ave a ate. o	nich also or of	any imed:	
		<u>Pri</u>	Prior Foreign Application(s)		Priority Not Claimed		Certified Copy Filed YES NO		ed?	
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listed	I hereby claim th below.	e benefit under 35	5 U.S.C. 119(e) of any United S	tates pr	ovisio	nal a	applio	catio	n(s)	
(Appl	ication Number)		(Filing Date)							
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As a named invento application and transact all b	r, I hereby appoint the follow usiness in the Patent and T	ving attorney(s) and/or agent(s) to prosecute this rademark Office connected therewith:				
	Barry W. Chapin, Esq. David E. Huang, Esq.	Reg. No. 39,934 Reg. No. 39,229				
of Chapin & Huang, L.L.C., \Massachusetts 01581 and	Vestborough Office Park, 1	700 West Park Drive, Westborough,				
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of EMC Corporation, 35 Parkwood Drive, Hopkinton, Massachusetts 01748.						
I also hereby grant additional Powers of Attorney to all of the above-identified attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.						
Please send correspondence	e to: David E. Huang, Esq.					
Chapin & Huang, L.L.C. We	stborough Office Park, 170	0 West Park Drive, Westborough, MA 01581				
Direct telephone calls to:	David E. Huang, Esq.	Telephone No.: 508-366-9600				
Direct facsimiles to:Day	id E. Huang, Esq.	Facsimile No.: 508-616-9805				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
Full name of sole inventor or						
first joint inventorDay	id Sullivan					
Inventor's Signature						
		New Hampshire 03053				

United States of America

Same as above

Residence _ Citizenship _

Post Office Address

ATTORNEY DOCKET NO.: EMC01-26(01067)

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int		
Robert MacArthur		
Rolf M-Call	Date//27/0/	
29 Independence Drive, Leominste	r, Massachusetts 01453	
United States of America		
Same as above		
	Robert MacArthur 29 Independence Drive, Leominste United States of America	Pobert MacArthur Date 11/27/01 29 Independence Drive, Leominster, Massachusetts 01453 United States of America